

CAY10753 biochemical

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CATALOG #
AAA227197

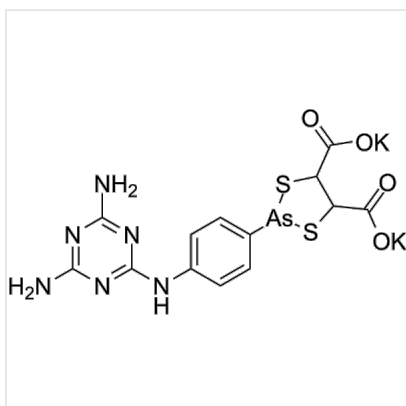
PRODUCT SYNONYMS

CAY10753; Melarsonic acid dipotassium; CAY10753 biochemical

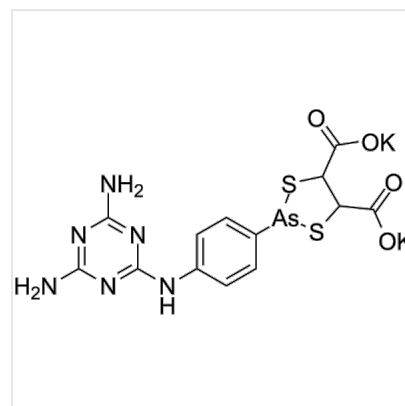
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	Methanol: Slightly soluble DMSO: Slightly soluble <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Melarsonyl dipotassium, CAS 13355-00-5



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ADDITIONAL INFORMATION

Related Product Information for CAY10753 biochemical	CAY10753 is an inhibitor of tankyrase 2 (TNKS2; IC ₅₀ = 0.3 nM). It is selective for TNKS2 over TNKS1 (IC ₅₀ = 6.1 nM), as well as poly(ADP-ribose) polymerase 1 (PARP1) and PARP2 (IC ₅₀ s = 89.6 and 37.8 nM, respectively). CAY10753 inhibits proliferation of DLD-1 colorectal cancer cells when used at a concentration of 1 μM.
References	1. Loiseau PM, et al. Contribution of dithiol ligands to in vitro and in vivo trypanocidal activities of dithiaarsanes and investigation of ligand exchange in an aqueous solution. Antimicrob Agents Chemother. 2000 Nov;44(11):2954-61.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.